

Koch, Kristine

From: Sheldrake, Sean
Sent: Friday, October 24, 2014 12:22 PM
To: Koch, Kristine
Cc: GAINER Tom; Matt McClincy
Subject: Re: FS shallow capping criteria

Thanks Kristine that's absolutely correct.

Tom, we are getting a flood rise framework ready for TCT and state review and on another note I would be interested in talking with DeQ about this at length if you are interested but that is also a consideration in some cases. Most cases there won't be any impact to flood rise or flood storage unless the cap is deeper in the channel, so mitigation aspects will likely be a driver off channel.

I have some time before I get on my 12 hours of flight back to Seattle if anyone would like to call to discuss further.

See you guys next week.

S

Sean Sheldrake, Unit Diving Officer, RPM
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On Oct 24, 2014, at 2:10 PM, "Koch, Kristine" <Koch.Kristine@epa.gov> wrote:

Tom – The shallow capping rules are to prevent areas that are currently under water (aquatic habitat) from becoming above water during lower river stages. This may also have an effect on flood storage. EPA is not saying that capping cannot be conducted in these areas, but that elevation changes should not be allowed so that mitigation costs are not necessary. Therefore, if you want to place a 3' thick cap, you would have to remove 3' of sediments first. If you didn't want to follow this rule, then there would be mitigation costs that would need to be considered which can get quite expensive. We plan to evaluate this tradeoff in the FS.

Let me know if you have further questions on this.

Sean – please weigh-in if you have further thoughts.

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From: GAINER Tom [<mailto:GAINER.Tom@deq.state.or.us>]

Sent: Tuesday, October 21, 2014 10:31 AM

To: Koch, Kristine

Subject: FS shallow capping criteria

Kristine-

Around April EPA presented criteria for shallow capping to avoid the creation of “new land” during low water conditions. The LWG subsequently submitted a memo suggesting an alternative maximum sediment elevation where capping could be considered. What is EPA’s current position on this topic- that is, did you or are you considering an alternative elevation above which caps will not be assigned in the revised FS?

Thanks-

Tom Gainer, P.E.

Project Manager/Environmental Engineer

Oregon Department of Environmental Quality, NW Region

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